Previous references.

1906-7
(Adm Rep

File No. 67/55
Serial Nos. 1 to 20

Later references.
Fld Mayog 8H 8R 162-08/

GENERAL AND REVENUE SECRETARIAT.

Serial Nos.

Part B. for Adm Report

SUBJECT.

Results of the analyses of the Samples of country liquors supplies to Major Bedford

18. S. to A. Resident - no Pol 73 dated 25-7-06
Requests him to obtain from Major Bedford the result of his Chemical analysis of the Country liquor samples of which were supplied to him by the Excise Committee as also a Copy of the report of the Excise Committee.

19. From A. Resident - no 4688 dated 17-8-06
Forwards Copy of Major Bedford's letter no 360 dated 16/8/06 containing the result of the analyses and states that Copy of Excise Committee's report will be supplied on its receipt by the Residency

G. R. S. 58

20. To Excise Com no Ad 2257 dated 13-9-06
Forwards Copy of Letter no 19

G. R. S. 111 1906

GENERAL AND REVENUE SECRETARIAT

(Sep Oei)

NOTES.

File. No 6705

FILE HEADING.

Excise Committee

From

No. Dated Received

Diary No. Enclos. Spare Copies Serial No.

BRIEF ABSTRACT OF LETTER.

NOTES AND ORDERS.

1GCPB—30,000—17-2-05.

84 67.05 ①

Some Excise Questions.

The *Pioneer*.—The Report of the Excise Committee, which will doubtless be published a few months hence, should be of special interest as showing incidentally whether the use of strong liquors among the population generally is extending. Temperance advocates have alleged that the policy of the Government of India tends to encourage drunkenness and they point to the increasing revenue from Excise in proof of their contention. But that policy has really been framed with a view to making liquor expensive and to prevent illicit distillation; and the bare returns of profits from taxation do not necessarily show that consumption is rising to an alarming extent. In some of the big cities no doubt a more effective control of the grog-shops is needed, but the bulk of the population is outside urban limits, and it is with these that we are mostly concerned. The Indian ryot is, as a rule, singularly abstemious, though some of the lower castes and aboriginal tribes drink to excess. Unfortunately, too, the common country-liquor is often a vile product, as analysis has shown that the percentage of fusel oil in specimens examined was extremely high in nearly all cases. The Government, in its usual paternal way, has taken steps to remedy this evil. Major Bedford, I. M. S., has been on special duty at Kasauli for a considerable time enquiring into the properties of country spirit, and he has been assisted by two chemical experts from London. According to an official report his investigation embraces the chemical composition of the liquor, physiological action of the bye-products, and means for improving the manufacture of the various classes of spirits made in India. He is also devising Excise tests by which their quality can be effectually controlled. Much of his work has been devoted to freeing spirits from their more noxious constituents, and to ensuring means or distinguishing licit from illicit liquor. The results gained are likely to be of great importance; and in the end a fairly high level of purity in Indian spirits should be rendered possible.

G.R.S. 12]
General and Revenue
Secretariat.

S/H File No. 67 of 1905

Serial No.

To Medical Officer Mysore on the annual News Paper Cutting

Inspr. Excise Commissr. Mentions the seizure. What steps have been taken to get the Mysore Country Spirits examined by Major Bedford and if not what he would propose for them being sent along with those of Bangalore

Papers returned

There is an Official Report required on the Extract. Steps should be taken to detect a case of this Report & Connected Official taken. Then & the matter Intercourse Dus. with Secrett

See Mysore Subject
Write to the Subject
Govt. Registry for
Exps. 12/306-12
Encl

5/6/07

Sealed

Mysore Country Spirits
Abkari Laboratory Committee been a body hence send to Major Bedford for analysis at the request of this Excise Committee

Vide Rule 41 of the Excise Committee's said will be

Q.
Encls. 12, 16 & 17 of
S/H. 67-05. (Filed in
March 06)

NOTE—Contn. sheet]

GPB—50,000—23-10-05

G.R.S. 12J
General and Revenue Secretariat.

S/R File No. 67 of 1905

Serial No.

published in a few months (vide the 81st sentence of the notes between Cutting pulp) and the Report will be it is believed Contain the Official papers referred to by the Councillor. We may it is respectfully suggested therefore await the publication of the said Committee Report" and then obtain 2 copies thereof through the Residency

Asked for 3 copies

three 3 I think we had 4/7/06 better get them now if available

Will report on the chemical analysis the figures — and how they seem to have been done. If details are required these may be obtained from him Bedford through the Resdcy. The report on the case mentioned by him in 1 been published as yet but we can

Please file

Note—Contn. sheet

GPB—50,000—23-10-05

G.R.S. 12J
General and Revenue
Secretariat.

4

File No. 67 of 1905-6

Serial No.

The may request
the Resdt
to forward
with early
copy
[illegible]
1/1/06

4/88
5.7.1906

affly for it after it is published
S. D. 6/1/06

Please see marginal
notes above [illegible]

5/7/06

Submitted with a draft to the Resdt
S.D.
23/1/06.

Copy
S
24/1/06

24/1/06

18 To the J.A. Resident.

No. Pol. 738. 25.1.06

Invites attention to no. 746 & 17.2.06 from this office,
and requests him to obtain from Major Bedford the results
of his chemical analysis of the Country liquors Samples
of which were supplied to him by the Excise Commissioner
and to supply to the Durbar a copy of the Report of the
Excise Committee as soon as possible after it is published.

19 From the J.A. Resident
No 46886 dy 17/8/06
Forwarding copy of Major
Bedford's letter no 360 dy 16/8/06
& of its enclosure Communicating

Note—Contn. sheet

GPB—50,000—23-10-05

G.R.S. 12]
General and Revenue Secretariat.

SSH File No. 6-, of 1905

Serial No.

The result of his chemical analysis of the samples of Cowdray Heights forwarded to him by the Ceiba Comp and states that a copy of the report alluded to in para 4 of Major Bedford's letter will be forwarded on its receipt, and that a copy of the report of the Ceiba Committee will be sent to the Governor on its ~~arrival~~ receipt in the Residency.

2 Letters should be written 2 copies of each of the reports referred to, one copy for the Ceiba Committee & other for the Secretariat. If this is approved the Residency will have to be addressed accordingly.

Date 27.8.06

The [illegible] a copy is needed. [illegible]

28/8

A [illegible]

922
28.8.1906

Letters
2 nd copy of the ~~Major's~~ letter & its enclosures may be sent to the Secretary to whom it is addressed also the report

6/9/06.

Send copy marked "Letter" [illegible]

~~Approved~~

Date 8/9/06

Issue sent 10-9-06

7-9-06

MGCPB—50,000—24-7-05

G.R.S. 26]

File No. 67/07
Serial No. 18

Diary No. of letter replied to.

Dol No. 72 & 25.7.06

General and Revenue Secretariat

, *the* 190 .

To

The First Asstt.
to the Honble the
Resident

Date of issue 25 7. 06.

Signed by Mr. KS Chandrasekhara Aiyar

I am directed to write a Reference to my predecessor's letter No. 146 d/the 17.3.06 and to request you to be so good as to obtain from Dr. Bodkin for the information of this Durbar the results of his chemical analysis of the Country Liquors Samples of which were supplied to him, the Durbar in his

over.

SUBJECT

2) I am further to request

~~for the Viceroy's~~

~~for early supply to the~~

that a copy

~~Durbar~~ of the report of the

may be kindly supplied to the Durbar

Excise Committee as soon as it is published.

I have &c.

Secretary.

K.B.
23/7/06

14/7/06

List of enclosures.

nil

25/7

Copied by

Examined by

MGCPB—30,000—16-2-05

Pol 275

SQR-67-05 8(19) 0766 S111

No. 4688 Encl

FROM

P. L. Moore Esquire, I. C. S.,
Offg: FIRST ASSISTANT TO THE RESIDENT IN MYSORE.

To

The Dewan of Mysore.

Dated Bangalore, 17th August 1906

11 cmls 18.8

SIR,

With reference to Mr. Chandrasekhara Iver's letter Pol No. 73, dated the 25th July 1906, I am directed to forward a copy of a letter No. 360. dated the 6th August 1906. from Major C.H.Bedford, I.M.S., and of its enclosure, communicating the results of his chemical analyses of the country liquors, samples of which were supplied to him by the Excise Commissioner in Mysore. Copies of the report alluded to in paragraph 4 of Major Bedford's letter have been applied for, and on their receipt, a copy will be supplied to the Durbar

2. Copies of the report of the Excise Committee have not been supplied to this office. On their receipt, one copy will be furnished for the information of the Durbar.

I have the honour to be,
Sir,
Your most obedient servant.

Offg: First Assistant Resident.

J.M.

No. 360. dated, Kasauli, 6th August 1906.

From.- Major C.H.Bedford, M.D., D.Sc., I.M.S.,
On Special Duty, Finance Department,
Government of India.

To.- P. L. Moore Esq., I.C.S.,
Offg: First Assistant to the Resident in Mysore.

In compliance with the request contained in your No. dated the 1st instant, I have the honour to forward herewith details of the analysis of the samples of Country beer, Rice beer and Date toddy forwarded by the Mysore Excise Commissioner (at the instance of the Excise Committee).

2. The sample of Country beer was of high alcoholic strength (for a beer), viz., 9.6% by volume; it had soured to some extent but was otherwise of fair quality. It had a low sugar-content (0.31%) and no other nutritive ingredients such as albuminoids.

The Rice beer was of moderate alcoholic strength (4.1% by volume). It was exceedingly acid, had a high proportion of aldehydes and of fusel oil; and contained no sugars and only a low proportion of albuminoids (0.87%).

The Date toddy had about the average alcoholic strength of toddies; it had soured to an excessive degree; and contained no sugars and only a small amount of albuminoids (0.44%)

3. The general conclusions as to these crudely-made samples are that they are, on the whole, of fair quality but have practically no nutritive value. The large amount of acidity in the rice beer and toddy samples is chiefly due to the length of time that had elapsed before they arrived here for analysis. It is presumed that ordinarily they would be consumed within a day or two of manufacture.

4. For further information on the subject generally it might be of service to refer to my recently-published Report on the "Quality, Manufacture and Excise-Control of Alcoholic Liquors in India", a copy of which no doubt the Finance Department, Government

of

of India, would supply on application.

----O----

C O P Y.

R. S. Tirumalai ayyar

R e g i s t r a r,

Resident's Office.

J.K.

Results of Analysis

Serial No.*	Name	Alcoholic Strength		Acidity		Aldehydes.		
		Under proof *	Fine strength in volume per cent	grams per litre.	mgms per 100 c.c. of absolute alcohol.	grains per proof gallon.	grams per litre.	mgms per 100 c.c. of absolute alcohol.	grains per proof gallon.
1	2	3	4	5	6	7	8	9.	10
1	Country Beer	83.1	7.6	0.450	468.7	186.3	Nil	Nil	Nil
2	Arrack (Rice Beer)	92.8	4.1	0.480	1170.7	466.6	0.036	87.8	35.0
3	Date Toddy	11.7	4.7	1.860	3957.5	1568.7	V.S.T.	V.S.T.	V.S.T.

Note. - V.S.T. = very slight trace

*. given in proof terms for the convenience.

Kasauli
6th August 1906.

Ak/

of Fermented liquors

urfural		Fusel oil as Amyl Alcohols			Ethers		Percentages (Stiell) Grams per 100 c.c.				
mgms per 100 c.c. of absolute alcohol.	grains per proof gallon.	grains per litre	mgms per 100 c.c. of absolute alcohol.	grains per proof gallon.	grains per litre	mgms per 100 c.c. of absolute alcohol.	grains per proof gallon.	Esters, Aldehydes & Acetals per cent.	Total solids per cent.	Serial Number
12	13	14	15	16	17	18	19	20	21	22	23
Nil	Nil	0.282	293.7	116.6	0.088	91.6	36.4	0.31	—		
0.466	1136.6	453.0	0.132	321.9	128.3	Nil	0.07	0.07	Not determined		
—	0.308	655.3	259.7	0.264	561.7	226.6	—	0.44	0.44		

those accustomed only to use such.

Sdg. C. W. Bedford,
M. D. D. Sc., Major I. M. S.
Officer on special duty under the Finance Department, Government of India.

G.R.S. 26]

File No. 75

Serial No. 20

Diary No. of letter replied to 766

No. H 2257
& 13 Sept 1906

General and Revenue Secretariat
(S.R.C.)
, the 13 Sept 1906

To The Excise Comr in Mysore

Date of issue do

Signed by W. Wilkinson

Sir,

With reference to your letter No. 433 of the 9th March 1906 intimating the despatch of samples of Country liquors to Major Bedford Mhow Kasauli Punjab, I am directed to forward herewith copy of letter No. 4086 & 17 Dec 1906 from the Resident in Mysore, and the Excise Commr's Chemical analysis thereon.

Letter under Disposal

SUBJECT

List of enclosures

Copied by

Examined by

GPB—10,000—20-4-05.